











Deshbandhu College

Department of Chemistry, University of Delhi in Association

II ASSOCIATIO

with

Augusta University (USA)

Indian Society of Chemists & Biologists (ISCB)
Indian Association of Solid-State Chemists and Allied Scientists

(ISCAS)

International Conference on

Integrative Chemical Science for Health & Environment — 2023

International Conference on Integrative Chemical Science for Health & Environment -2023 (ICHE-2023) an opportunity to bring together academicians and researchers for discussions and long-term sharing of knowledge on recent advances in Chemical Sciences for tackling global challenges of health and environment that would help in creating a safer, healthier and more sustainable world.

Sponsored by









Hybrid Mode (In-Person and Online)

From October $6^{th} - 8^{th}$, 2023



Venue: Deshbandhu College, University of Delhi, Kalkaji, New Delhi, India















About the Conference

The objective of the conference is to bring together researchers, scientists, academicians and industry professionals from various disciplines to explore the latest advancements and innovations in chemical science and its applications in promoting health and protecting the environment. The conference intends to provide a platform for exchanging knowledge, ideas and experiences, fostering collaborations and discussing practical challenges and opportunities in the field. Besides invited talks of stalwarts and plenary keynote speakers, there shall be both oral and poster presentations of contributed research papers on various sub themes. The key objectives of integrating Chemical Science for Health and Environment are:

- •Developing safer chemicals and materials
- •Improving drug development and delivery
- Reducing environmental impact of chemicals
- •Enhancing monitoring and detection of pollutants in the environment
- Promoting public health
- Advancing scientific research

Conference Website

https://sites.google.com/db.du.ac.in/iche2023/home

About Deshbandhu College

Deshbandhu College, established in 1952 is the oldest and the largest co-educational institution in South Delhi and promotes Arts, Commerce, and Science courses. The college offers seven postgraduate and eighteen undergraduate courses in disciplines ranging from languages/literature, History, Political Science, Economics, Commerce, and all major branches of Sciences and Mathematics. It caters to more than 4500 students every year. Presently, it has secured A++ grade with 3.65 score from the National Assessment and Accreditation Council (NAAC) and has been ranked 17th in NIRF ranking in India. The sprawling campus of Deshbandhu College, with its lawns, gardens, and playground provides a healthy environment for all-round development of the generations to come.

https://www.deshbandhucollege.ac.in/

About Department of Chemistry

The <u>Department of Chemistry</u> of Deshbandhu College was established in the year 1952. The faculty takes pride in teaching cross sections of students enrolled in various courses and providing practical training to the students as per their academic curriculum. The courses offer immense opportunities for further studies in Biochemistry, Nanotechnology, Green Chemistry, Polymer Sciences, Agrochemical Sciences, Environmental Science, and other related fields. The department also has a special facility for advanced lab-based research work for doctoral projects. Every year distinguished speakers are invited to update the students about the latest trends in chemistry. In order to give market exposure to students, summer training projects are also conducted for undergraduate students. The department is proud to have a committed faculty that has excelled in research publication, book writing, and teaching.

https://www.deshbandhucollege.ac.in/chemistry.ph p?departments=Chemistry

Our Eminent Speakers



Prof. Anthony P. Davis Co-Founder of Ziylo & Carbometrics Engineering, Florida Polytech University CICECO, University of Alveiro, Portugal IIT Roorkee, Roorkee, India University of Bristol, UK



Dr Ajeet Kaushik Department of Environmental



Prof. Maria L Pereira



Prof. Paritosh Mohanty



Prof. Christophe Len Institute of Chemistry for Life and Health Sci. PSL University, Paris, France



Prof. A K Tyagi FRSC, FNASc, FASc, FNAE DAE Director, Chemistry Group BARC, India



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Prof Ravi P. Singh Department of Chemistry, IIT Delhi, India



Prof. Ajay Kumar Mishra Department of Chemistry, Durban University of Technology, South Africa



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Prof. Tanmay Basak Dept. of Chemical Engineering IIT Madras, India



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Dr Anupam Bhattacharya Department of Chemistry BITS-Pilani (Hyderabad Campus) Telangana, India



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Prof. Sunil Kumar Sharma Dept. of Chemistry University of Delhi, New Delhi India



Prof. Venkata Khrishnan Dept. of Chemistry , School of Basic Sciences, IIT Mandi, HP India

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Univ., Kottayam, Kerala, India



Prof. Rajeev SakhujaDepartment of Chemistry
BITS Pilani, Rajasthan, India



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Technology and Innovation, India



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Jamia Milia Islamia, Delhi, India



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Himalaya Wellness Company
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Prof. Rakesh Kumar SharmaDepartment of Chemistry,
University of Delhi, India

Call for Papers

Guidelines for the abstract submission:

- Maximum words limit 300, typed in MS word,
- Times New Roman font,
- Abstract title: Bold and 12 font size.
- Authors' name, affiliation and abstract body: 12 font size with 1.5 spacing.
- The name of the presenting author should be underlined.
- The template for abstract, and detailed guidelines are available on the conference website.

Note:

- Submit your abstract through registration link in MS word format with the above specifications.
- Abstracts submitted in different formats will not be considered.
- All submitted abstract should be plagiarism free, and authors would be solely responsible for the originality of the content.

Guidelines for Presentation:

POSTER

- •Poster size should be 4 X 3 feet (121 X 92 cm) in portrait mode.
- •Leave margins of 3 inches from each side.
- •The printed poster should indicate the Title followed by the Authors and their affiliations.
- •The poster should clearly define Objectives, Methodology, Outcomes, and Conclusions.

ORAL

- Oral presentation should be prepared in MS PowerPoint compatibility mode only.
- •Time slots will be 10 minutes for oral presentation.

Note: A copy of the presentation (Oral/Poster) should be submitted 20 days before October 6, 2023, by email to iche@db.du.ac.in

Call for paper: details: https://sites.google.com/db.du.ac.in/iche2023/abstract-submission?authuser=2

Theme and Sections:

The chemical science, health, and environment have shared a fecund and harmonized partnership. The chemical science has been the central science to develop benign, effective medicines for various diseases, diagnostics; and providing the tools for monitoring, protection, and cleaning of the environment. This conference will bring together the researchers and academician on a single platform for fruitful discussion and collaborations to enhance the research in the following areas (but not limited to):

- Recent advances in medicinal chemistry
- Green synthesis for health and environment
- Biomass derived chemicals for pharmaceuticals
- Functional modification of bio-polymers for health and environment
- Nanotechnology for drug delivery and for health care monitoring
- Nanomaterials as chemical sensors for a safer environment
- Electrochemical water treatment and resource recovery
- Photochemical processes for health and environment
- Bio-materials for environmental remediation
- Sustainable chemistry
- Impact of chemical sciences on society
- Green alternative to fossil fuels
- Functional molecules/nanomaterials for catalysis
- Natural product synthesis
- Other related topics

Link: https://sites.google.com/db.du.ac.in/iche2023/call-for-paper?authuser=2

Selected papers will be published as full length articles in the special issues of SCOPUS Indexed Journals after Peer Review

IMPORTANT DATES

Extended Last date of Registration: Sept. 5, 2023 Extended Last date of Abstract submission: Sept. 5, 2023

REGISTRATION FEE WAIVER

Only for group registration of minimum 6 candidates in offline mode. Please write to iche@db.du.ac.in for group registration waiver.

Registration fees

Category	Early Bird	Late Fees	On-Desk
	(INR)	(INR)	(INR)
	Offline / Online	Offline / Online	Offline / Online
Students	2000 / 1000	2500 / 1500	3000 / 2000
UG/PG			
Researchers/	3000 / 2100	3500 / 2600	4000 / 3000
Ph.D.			
Faculty	4000 / 2500	4500 / 3000	5000 / 4000
Delegates	7000 / 4000	8000 / 5000	10000 / 6000
from Industry			
Foreign	100* / 50	150* / 80	200* / 100
Students	USD	USD	USD
UG/PG			
Foreign	200* / 100	300* / 150	400* / 200
Delegates	USD	USD	USD

PAYMENT DETAILS: A/C Name: ICHE 2023 DBC A/C No.: 09031000104063 IFSC Code: PSIB0000903 MICR Code: 110023098 Bank and BranchName:Punjab & Sind Bank,DeshbandhuCollege,Kalkaji, New DelhiSWIFT Code: PSIBINBB007

Accommodation facility:

- *For Foreign delegates, accommodation will be provided on twin-share basis for maximum five days.
- For Indian delegates, accommodation would be provided on payment basis (First Come First Serve)

CHECK FOR MORE DETAILS:

https://drive.google.com/file/d/1e5eyXQvgXvbebeM5BSMqAi8 MrfsMEQLo/view

• In-person attendees benefit:

The registration fee includes registration kit, certificate, tea and lunch on the conference days including gala dinner.

- Interaction with faculty members, researchers and peers.
- Opportunity for career development and visibility of your research profile across the world.

Registration link:

https://docs.google.com/forms/d/e/1FAIpQLSc60Ieo0XFNRBwn8a8 s1ok5bWAxR-htEFKyhmzFl5cyLhegrg/viewform?usp=sf link

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